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GOVERNMENT OF PUNJAB

PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY

NOTIFICATION

The 22nd June, 2026

No.75340:PWRDA0GENL/37/2021-PWRDA BR./4296.- In exercise of the powers conferred by Section 15 (2) of the Punjab Water Resources (Management and Regulation) Act, 2020 and all other powers enabling it in this behalf, the Punjab Water Regulation and Development Authority hereby issues the following amendment to the Punjab Groundwater Extraction and Conservation Directions, 2023 issued by notification no.75340/PWRDA-PWRD0GENL/37/2021-PWRDA-BR/418 Dated 27.01.2023.

Seventh Amendment

In the Punjab Groundwater Extraction and Conservation Directions, 2023, the "Annexure 1" be substituted as under:-

ANNEXURE 1

GROUND WATER RESOURCE ASSESSMENT

The Government of India and Government of Punjab have been jointly assessing the groundwater status of Punjab periodically. The latest assessment of Ground Water Resources of Punjab has been notified by Water Resources Department (WRD), Punjab Gazette Notification No. E188425PJ-3/63 dated 19.02.2026 (hereinafter referred as "the notification dated 19.02.2026").

As per the Groundwater Resources of Punjab State by Ground Water Management Circle, Water Resources Department, Punjab and the Central Groundwater Board, North Western Region, Chandigarh, categorisation of assessment areas (blocks) is defined by the Stage of Ground Water Extraction as given below:-

Table A 1: Stage of Ground Water Extraction

Stage of Ground Water Extraction (%)	Category
≤ 70	Safe
$> 70$and ≤ 90	Semi-Critical
> 90 and ≤ 100	Critical
$> 100\%$	Over-Exploited

The categorisation of assessment areas (blocks) in the Report is based on the notification dated 19.02.2026. The assessment in the Report does not consider the Static Ground Water Resources or water resources contained in the deeper aquifers.

The latest assessment of Ground Water Resources of Punjab has been published in the Report "Dynamic Ground Water Resources of Punjab State (As on November 2025) by Ground Water Management Circle, Water Resources Department, Punjab and the Central Ground Water Board, North Western Region, Chandigarh (hereinafter referred as "Report 2025"). The abstract of Report 2025 for Punjab as follows:-

Table A-2: Data on Dynamic Ground Water Resources of Punjab, 2025

Sr. No.	Particulars	Details
1.	Total Annual Ground Water Recharge	20.9 BCM (18.59 BCM–Fresh, 2.31 BCM – Poor Quality)
2.	Annual Extractable Ground Water Resources	18.89 BCM (16.79 BCM–Fresh, 2.09 BCM–Poor Quality)
3.	Annual Ground Water Extraction	27.95 BCM (26.26 BCM–Fresh, 1.69 BCM–Poor Quality)
4.	Stage of Ground Water Extraction	156.36%

The number of Assessment Areas (Blocks) falling in various categories in the year 2025 as per the notification dated 19.02.2026 is as follows:-

Table A-3: Data on Number of Blocks in Various Categories

	Total Blocks	**153***
	Over-Exploited Blocks	111
	Critical Blocks	10
	Semi-Critical Blocks	15
	Safe Blocks	17

In the Directions the categorisation of Assessment Areas (Blocks) contained in the Report has been adopted. In addition, for better management and conservation of groundwater resources the Assessment Areas (Blocks) have been assigned a Status i.e., Orange, Yellow and Green. This Status has been considered while fixing Groundwater Charges under the Directions for each Assessment Areas (Blocks). The Status is based on the stage of groundwater extraction on the basis of notification dated 19.02.2026.

The Over-Exploited Blocks/Assessment Areas with a stage of ground water development of 200% or more have been designated as **"ORANGE".** These are 57 in number. These would need most immediate and urgent attention for management and conservation of ground water.

The Over-Exploited Blocks/Assessment Areas numbering 54, with a stage of ground water development more than 100% and up to 199% have been designated as **"YELLOW".** These need appropriate management and water conservation measures on an urgent basis.

The 42 Blocks/Assessment Areas with a stage of ground water development falling in the three categories of Critical, Semi-critical and Safe as per the Report have been designated as **"GREEN"** and need appropriate water management measures so that ground water conditions remain sustainable in the long run.

Consequently, the number of Assessment Areas (Blocks) in each Status is as follows.

Table A-4: Number of Assessment Areas (Blocks) by Status

Category as per Report (2020)	Status	Number of Assessment Areas (Blocks)
Safe, Semi Critical, Critical	Green	42
Over-exploited (up to 199%)	Yellow	54
Over-exploited (200% and above)	Orange	57

Accordingly, the categorization of Assessment Areas (Blocks) contained in the notification dated 19.02.2026 is as follows:-

Sr. No.	District	Assessment Area/Blocks	Stage of Ground Water Extraction (%)	Categorization (OE/Critical/) Semicritical/Safe	Status
1	Amritsar	Ajnala	138.54	over_exploited	Yellow
2	Amritsar	Amritsar City (Urban)	330.11	over_exploited	Orange
3	Amritsar	Attari	175.50	over_exploited	Yellow
4	Amritsar	Chogawan	134.37	over_exploited	Yellow
5	Amritsar	Harsha Chhina	176.68	over_exploited	Yellow
6	Amritsar	Jandiala Guru	173.91	over_exploited	Yellow
7	Amritsar	Majitha	139.93	over_exploited	Yellow
8	Amritsar	Rayya	166.48	over_exploited	Yellow
9	Amritsar	Tarsikka	185.05	over_exploited	Yellow
10	Amritsar	Verka	225.34	over_exploited	Orange
11	Barnala	Barnala	318.83	over_exploited	Orange
12	Barnala	Mahal Kalan	124.17	over_exploited	Yellow
13	Barnala	Sehna	198.74	over_exploited	Yellow
14	Bathinda	Bathinda	86.42	semi_critical	Green
15	Bathinda	Bhagta Bhai Ka	364.14	over_exploited	Orange
16	Bathinda	Goniana Mandi	199.47	over_exploited	Yellow
17	Bathinda	Maur	182.68	over_exploited	Yellow
18	Bathinda	Nathana	151.31	over_exploited	Yellow
19	Bathinda	Phul	196.30	over_exploited	Yellow
20	Bathinda	Rampura	83.00	semi_critical	Green
21	Bathinda	Sangat	72.27	semi_critical	Green
22	Bathinda	Talwandi Sabo	71.85	semi_critical	Green
23	Faridkot	Faridkot	93.10	critical	Green
24	Faridkot	Jaiton	150.06	over_exploited	Yellow
25	Faridkot	Kot Kapura	127.71	over_exploited	Yellow
26	Fatehgarh Sahib	Amloh	260.22	over_exploited	Orange
27	Fatehgarh Sahib	Bassi Pathanan	230.18	over_exploited	Orange
28	Fatehgarh Sahib	Khamanon	208.13	over_exploited	Orange
29	Fatehgarh Sahib	Khera	171.07	over_exploited	Yellow
30	Fatehgarh Sahib	Sirhind	110.58	over_exploited	Yellow

31	Fazilka	Abohar	19.38	safe	Green
32	Fazilka	Arniwala Sheikh Subanpur	73.34	semi_critical	Green
33	Fazilka	Fazilka	41.34	safe	Green
34	Fazilka	Jalalabad	150.00	over_exploited	Yellow
35	Fazilka	Khuian Sarwar	58.05	safe	Green
36	Firozpur	Firozpur	94.49	critical	Green
37	Firozpur	Ghall Khurd	107.88	over_exploited	Yellow
38	Firozpur	Guruhar Sahai	69.97	safe	Green
39	Firozpur	Makhu	77.85	semi_critical	Green
40	Firozpur	Mamdot	99.85	critical	Green
41	Firozpur	Zira	273.18	over_exploited	Orange
42	Gurdaspur	Batala	158.18	over_exploited	Yellow
43	Gurdaspur	Dera Baba Nanak	159.53	over_exploited	Yellow
44	Gurdaspur	Dhariwal	149.29	over_exploited	Yellow
45	Gurdaspur	Dina Nagar	63.97	safe	Green
46	Gurdaspur	Dorangala	85.18	semi_critical	Green
47	Gurdaspur	Fatehgarh Churian	123.61	over_exploited	Yellow
48	Gurdaspur	Gurdaspur	110.70	over_exploited	Yellow
49	Gurdaspur	Kahnuwan	101.04	over_exploited	Yellow
50	Gurdaspur	Kalanaur	171.35	over_exploited	Yellow
51	Gurdaspur	Qadian	99.30	critical	Green
52	Gurdaspur	Sri Hargobindpur	95.53	critical	Green
53	Hoshiarpur	Bhunga	90.58	critical	Green
54	Hoshiarpur	Dasuya	143.37	over_exploited	Yellow
55	Hoshiarpur	Garh Shankar	167.37	over_exploited	Yellow
56	Hoshiarpur	Hajipur	81.67	semi_critical	Green
57	Hoshiarpur	Hoshiarpur-1	173.58	over_exploited	Yellow
58	Hoshiarpur	Hoshiarpur-2	97.81	critical	Green
59	Hoshiarpur	Mahilpur	107.97	over_exploited	Yellow
60	Hoshiarpur	Mukerian	129.46	over_exploited	Yellow
61	Hoshiarpur	Talwara	46.03	safe	Green
62	Hoshiarpur	Tanda	178.80	over_exploited	Yellow
63	Jalandhar	Adampur	242.67	over_exploited	Orange
64	Jalandhar	Bhogpur	209.49	over_exploited	Orange
65	Jalandhar	Jalandhar City (Urban)	431.75	over_exploited	Orange
66	Jalandhar	Jalandhar East	534.15	over_exploited	Orange
67	Jalandhar	Jalandhar West	246.78	over_exploited	Orange
68	Jalandhar	Lohian	278.71	over_exploited	Orange
69	Jalandhar	Mehatpur	256.83	over_exploited	Orange
70	Jalandhar	Nakodar	315.83	over_exploited	Orange
71	Jalandhar	Nur Mahal	195.66	over_exploited	Yellow

72	Jalandhar	Phillaur	251.42	over_exploited	Orange
73	Jalandhar	Rurka Kalan	254.45	over_exploited	Orange
74	Jalandhar	Shahkot	320.76	over_exploited	Orange
75	Kapurthala	Dhilwan	148.67	over_exploited	Yellow
76	Kapurthala	Kapurthala	300.03	over_exploited	Orange
77	Kapurthala	Nadala	199.24	over_exploited	Yellow
78	Kapurthala	Phagwara	311.84	over_exploited	Orange
79	Kapurthala	Sultanpur Lodhi	261.60	over_exploited	Orange
80	Ludhiana	Dehlon	219.05	over_exploited	Orange
81	Ludhiana	Doraha	107.81	over_exploited	Yellow
82	Ludhiana	Jagraon	156.09	over_exploited	Yellow
83	Ludhiana	Khanna	276.96	over_exploited	Orange
84	Ludhiana	Ludhiana City (Urban)	490.23	over_exploited	Orange
85	Ludhiana	Ludhiana-1	395.01	over_exploited	Orange
86	Ludhiana	Ludhiana-2	237.30	over_exploited	Orange
87	Ludhiana	Machhiwara	203.96	over_exploited	Orange
88	Ludhiana	Maloud	152.20	over_exploited	Yellow
89	Ludhiana	Pakhowal	178.02	over_exploited	Yellow
90	Ludhiana	Raikot	247.17	over_exploited	Orange
91	Ludhiana	Samrala	186.10	over_exploited	Yellow
92	Ludhiana	Sidhwan Bet	224.50	over_exploited	Orange
93	Ludhiana	Sudhar	152.49	over_exploited	Yellow
94	Malerkotla	Malerkotla-1	309.82	over_exploited	Orange
95	Malerkotla	Malerkotla-2	292.73	over_exploited	Orange
96	Mansa	Bhikhi	206.39	over_exploited	Orange
97	Mansa	Budhlada	98.15	critical	Green
98	Mansa	Jhunir	68.59	safe	Green
99	Mansa	Mansa	117.52	over_exploited	Yellow
100	Mansa	Sardulgarh	77.24	semi_critical	Green
101	Moga	Bagha Purana	209.24	over_exploited	Orange
102	Moga	Kot Ise Khan At Dharamkot	114.32	over_exploited	Yellow
103	Moga	Moga-1	329.77	over_exploited	Orange
104	Moga	Moga-2	360.24	over_exploited	Orange
105	Moga	Nihal Singh Wala	369.74	over_exploited	Orange
106	Muktsar	Kot Bhai At Gidderbaha	30.60	safe	Green
107	Muktsar	Lambi	20.00	safe	Green
108	Muktsar	Malout	42.57	safe	Green
109	Muktsar	Muktsar	25.87	safe	Green
110	Pathankot	Bamial	82.00	semi_critical	Green
111	Pathankot	Dhar Kalan	18.79	safe	Green

112	Pathankot	Gharota	63.46	safe	Green
113	Pathankot	Narot Jaimal Singh	70.94	semi_critical	Green
114	Pathankot	Pathankot	40.90	safe	Green
115	Pathankot	Sujanpur	29.61	safe	Green
116	Patiala	Bhunarheri	262.66	over_exploited	Orange
117	Patiala	Ghanaur	112.30	over_exploited	Yellow
118	Patiala	Nabha	194.19	over_exploited	Yellow
119	Patiala	Patiala	157.06	over_exploited	Yellow
120	Patiala	Patran	291.02	over_exploited	Orange
121	Patiala	Rajpura	215.49	over_exploited	Orange
122	Patiala	Samana	217.34	over_exploited	Orange
123	Patiala	Sanaur	252.49	over_exploited	Orange
124	Patiala	Shambu Kalan	264.11	over_exploited	Orange
125	Rupnagar	Anandpur Sahib	78.59	semi_critical	Green
126	Rupnagar	Chamkaur Sahib	118.58	over_exploited	Yellow
127	Rupnagar	Morinda	172.92	over_exploited	Yellow
128	Rupnagar	Nurpur Bedi	65.50	safe	Green
129	Rupnagar	Rupnagar	66.80	safe	Green
130	Sangrur	Andana	258.70	over_exploited	Orange
131	Sangrur	Bhawanigarh	337.72	over_exploited	Orange
132	Sangrur	Dhuri	343.74	over_exploited	Orange
133	Sangrur	Dirba	338.20	over_exploited	Orange
134	Sangrur	Lehra Gaga	280.30	over_exploited	Orange
135	Sangrur	Sangrur	284.69	over_exploited	Orange
136	Sangrur	Sher Pur	311.71	over_exploited	Orange
137	Sangrur	Sunam	346.58	over_exploited	Orange
138	SAS Nagar	Derabassi	157.14	over_exploited	Yellow
139	SAS Nagar	Kharar	96.53	critical	Green
140	SAS Nagar	Majri	84.09	semi_critical	Green
141	SBS Nagar	Aur	90.84	critical	Green
142	SBS Nagar	Balachaur	86.78	semi_critical	Green
143	SBS Nagar	Banga	232.18	over_exploited	Orange
144	SBS Nagar	Nawan Shahr	143.96	over_exploited	Yellow
145	SBS Nagar	Saroya	85.36	semi_critical	Green
146	Tarn Taran	Bhikhiwind	229.51	over_exploited	Orange
147	Tarn Taran	Chohla Sahib	205.18	over_exploited	Orange
148	Tarn Taran	Gandiwind Tatla	109.12	over_exploited	Yellow
149	Tarn Taran	Khadur Sahib	180.59	over_exploited	Yellow
150	Tarn Taran	Naushera Pannuan	290.04	over_exploited	Orange
151	Tarn Taran	Patti	221.23	over_exploited	Orange

152	Tarn Taran	Tarn Taran	252.04	over_exploited	Orange
153	Tarn Taran	Valtoha	163.28	over_exploited	Yellow

2. This amendment shall come into force from the date of its publication in the Official Gazette.

Sd/-

Chandigarh
The 22nd June, 2026

SECRETARY
Punjab Water Regulation and Development Authority

3754/6-2026/Pb. Govt. Press, S.A.S. Nagar